

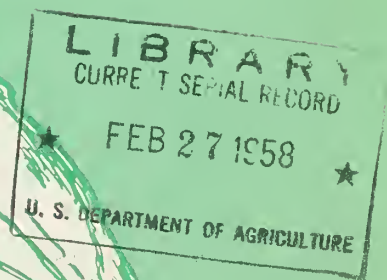
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TURKEY PERFORMANCE TESTS 1957



ARS 44-13

December/57

Agricultural Research Service
U. S. DEPARTMENT of AGRICULTURE

FOREWORD

The National Turkey Improvement Plan provides for three types of tests through which the performance of a representative sample of the entrant's stock is measured. The tests are: (1) Turkey Reproduction Test, (2) Central Turkey Meat Production Test, and (3) On-the-Farm Turkey Meat Production Test. The detailed provisions for these tests are contained in USDA Miscellaneous Publication 739. Copies of this publication may be obtained from Official State Agencies for the National Turkey Improvement Plan or by writing directly to the Animal Husbandry Research Division, Agricultural Research Center, Beltsville, Maryland.

The Plan provides that the results of the tests reported to the AH Division by December 1 shall be published in a national summary alphabetically by test and entries, with no indication of rank. This publication contains the results of the tests as submitted by the supervising agencies.

A Turkey Reproduction Test was conducted in the State of Washington in 1957. The results of such tests are a part of the requirements for qualification as U. S. Performance Tested Parent Stock. The test is conducted on the entrant's premises where at least 200 hens, selected at random from the breeder's supply or replacement flocks, are penned separately from other flocks. Records of egg production and hatchability for at least 8 weeks, from which the average rate of poult production is computed, are obtained under the supervision of the Official State Agency.

Central Turkey Meat Production Tests were conducted in Minnesota, Nebraska, Pennsylvania and Texas. In each test the entry consisted of 100 poults hatched at the test from a sample of eggs selected at random from the entrant's stock. The entries were grown under practical commercial conditions, except for the handling necessary for weighing the birds and the separation necessary for obtaining feed conversion data.

In the evaluation of the results, no direct comparison should be made between entries in different tests. While the same general procedure was followed in all tests, there were differences, as illustrated by the explanation of feed conversion ratios. There were also variations in the ages of the birds at the time the tests were terminated. Because of these variations and the unavoidable differences between tests in measuring techniques and the application of grading standards, comparisons should be made only between entries within a test.

In comparing entries within a test, small differences should not be over-emphasized. Some differences between entries would be expected due to chance, even though the samples were drawn from the same stock. It would be difficult to determine precisely what part of the variance between two entries was due to a true genetic difference in the stocks and that which was due to chance alone. Statistical procedures may be applied to the test data which will indicate those differences that may be considered non-significant. The application of one such procedure to the Texas test data indicated, for example, that differences of less than 1.1 pounds in the final live weights of Broad Breasted Bronze toms were of no significance. Comparable figures (mean difference required for significance at $P = .05$) for other factors were:

Texas Test	BBBronze		BBWhite	
	Toms	Hens	Toms	Hens
Final live wt. (lbs)	1.1	.58	1.0	.62
Body Depth (inches)	.25	.14	.18	.44
Keel Length (inches)	.54	.15	1.2	.16
Breast Width (inches)	.29	.18	.26	.16
Dressing Percentage (%)	1.1	1.5	1.3	1.2

The above figures were derived from the Texas test data only and do not apply to the results of any other test.

* * * * *

Information in this report was compiled by the Animal Husbandry Research Division, Agricultural Research Service.

Explanation of Terms and Abbreviations

Entrant: In the tables of results of the Central Turkey Meat Production Tests only the abbreviated names of the entrants and the State in which they are located are given. The complete names and addresses of all entrants appear on pages 4 and 5.

Kind of Stock:

Variety names -

BBB	-	Broad Breasted Bronze	EW	-	Empire White
BBLW	-	Broad Breasted Large White	GW	-	Guilford White
BBW	-	Broad Breasted White	LW	-	Large White
BW	-	Broad White			

Kind of Flocks Represented -

BR	-	Breeder Replacement Flocks
SF	-	Supply Flock
EXP	-	Experimental mating, no eggs or poults sold during the 1956-57 season.

Strain or Trade Name:

Str. Cr. - Strain Cross

Mating Procedure:

Nat.	-	Natural mating
Art.	-	Artificial insemination
Both	-	Natural mating, supplemented with artificial insemination.

Coefficient of Variability: As the uniformity of the entry increases the numerical value of the coefficient of variability decreases.

Eviscerated Weight: The weight of the fully dressed birds, including the necks and giblets, except in the Nebraska test where only the necks and gizzards were included.

Dressing Percentage: The eviscerated weight expressed as a percentage of the live weight.

Body Measurements: The measurements reported by the Nebraska, Pennsylvania and Texas tests were made on the New York Dressed birds. In the Minnesota test, the measurements were made on the live birds.

Feed Conversion Ratio: The figures reported by the Pennsylvania and Texas tests for each entry and by the Nebraska test for the combined entries represent the pounds of feed required to produce one pound of live turkey.

In the Pennsylvania test the entries were intermingled until eight weeks of age. During this period, feed consumption was recorded and subsequently computed for each entry on a pro-rata basis. From eight weeks to the end of the test, the entries were separated and feed consumption recorded for each entry. The reported feed conversion ratio is based on the computed consumption for the first 8 weeks and the recorded consumption for the remainder of the test.

In the Texas test, the ratios were obtained in the same manner with the following exceptions: (1) The birds were intermingled by entries but separated by sexes for the first 9 weeks. (2) After 9 weeks, representative samples of 25 toms and 25 hens from each entry were retained in separate pens and feed consumption recorded for each sample. (3) The reported ratio is based on feed consumption by the 25-bird samples and the computed consumption for the first 9 weeks.

1957 TURKEY REPRODUCTION TEST

Participant: GRANT'S HATCHERY, INC., CLINTON, WASHINGTON
 Variety: Broad Breasted Bronze
 Strain: Grant's Pure Line
 Kind of stock: Supply flock
 Mating procedure: Natural and artificial insemination
 Number of hens in test: 425
 Number of hens in flock: 1,800
 Average number of salable poultz produced per hen: 21.37

1957 CENTRAL TURKEY MEAT PRODUCTION TESTS

Supervisors

Minnesota - Roy C. Munson, Department of Agriculture, 611 State Office Bldg., St. Paul 1
 Nebraska - Elvin C. Schultz, Secretary, Nebraska Turkey Federation, Crete
 Pennsylvania - Raymond D. Schar, Poultry Div., Dept. of Agriculture, Harrisburg
 Texas - George H. Draper, Supervisor, NTIP, Texas A & M College, College Station

Participants

Name and Address	Page
Ables Hatchery and Turkey Farm, Bolivar, Missouri	8-12
Anderson's Turkey Farm, Belchertown, Massachusetts	14-18
Anderson Turkey Farm & Hatchery, Perham, Minnesota	6
Barnett's Inc., 131 Falls Street, Marlin, Texas	16-18
Bingham Turkey Farm, Route 1, Aubrey, Texas	16
Browning Turkey Farm, 10 N. Maple St., Winchester, Kentucky	6-8-12-16-18
Central Missouri Turkey Hatchery, Inc., Eldon, Missouri	6-8-16
Cooper Turkey Hatchery, Oakwood, Ohio	12
Ephrata Turkey Hatcheries, Inc., Ephrata, Pennsylvania	12-14
Farmers Hatchery Co., Wadena, Minnesota	6
Gibbon Turkey Egg Pool, Shelton, Nebraska	8
Gozzi, William, Guilford, Connecticut	12-14-18
Grant's Hatchery, Inc., Clinton, Washington	8-16
Great State Turkeys, Coleman, Texas	16
Hall Turkey Ranch, Santa Susana, California	16
Harts Hatchery, Medford, Oregon	8
Henning Hatchery, Henning, Minnesota	6
Hildebrand Turkey Hatchery, Seward, Nebraska	8
Ingersoll Turkey Farm, Michigan Valley, Kansas	8
Janes Bar Nothing Ranch, P.O. Box 918, Austin, Texas	12-16-18
Jerome Turkey Farm, Barron, Wisconsin	8
Keithley, B. A., 48050 N. 110 St., W. Lancaster, California	8-12-16
Kirby's Rivervene Hatchery, 1100 N. Main, Urbana, Ohio	8-12-14-16-18
Land O'Lakes Creameries, Minneapolis, Minnesota	8
Linesville Hatcheries, Linesville, Pennsylvania	14
Loomis Hatchery, Hemet, California	8

1957 CENTRAL TURKEY MEAT PRODUCTION TESTS

Participants

Name and Address	Page
The Luling Foundation, P.O. Drawer 31, Luling, Texas	16-18
Mannigel's Turkey Farm, Palmyra, Missouri	6-10
Maplecrest Turkey Farm, Inc., Wellman, Iowa	10
Morrow, J. M., Carthage, Missouri	10
Nicholas Turkey Breeding Farm, 2300 Napa Rd., Sonoma, California	10-12-14-16-18
Norbest Turkey Breeding Farms, P.O. Box 1529, Salt Lake City, Utah	10
Northern Turkey Hatchery, Inc., Frazee, Minnesota	6
Palmateer Turkey Farm, Elverson, Pennsylvania	14
Pinetree Turkey Hatchery, Farmington, Minnesota	6
Ramona Turkey Growers Assn., P.O. Box 447, Ramona, California	10-16
Doc Reeds Hatchery, Worthington, Minnesota	8
Rexrode Turkey Farm and Hatchery, Fayetteville, Pennsylvania	14
River Rest Farms, Route 4, Shawnee, Oklahoma	12-14-18
Rochester Turkey Hatchery, Rochester, Minnesota	6- 8
Rogge Turkey Farm, Ida Grove, Iowa	10
Rusk's Turkey Hatchery, Rt. 2, Box 52, Grandview, Washington	12-18
Sand Springs Farm, Rt. 1, Sand Springs, Oklahoma	10-16
Segars Turkey Ranch, Turlock, California	12
Shearer, Robert K., Reinholds, Pennsylvania	14
Shetler's Hatchery, Thief River Falls, Minnesota	6
Spring Grove Hatchery, Spring Grove, Minnesota	6
Sterling Turkey Hatchery, Detroit Lakes, Minnesota	6
Stout's Turkey Hatchery, Richland, Missouri	10-12
Sure Hatchery, Broken Bow, Nebraska	10
Swift & Company, Mt. Vernon, Illinois	18
Thompson's Hatchery, Pottsville, Arkansas	12-14-18
Turrill's Turkey Farm & Hatchery, Laughlintown, Pennsylvania	14
Warren's Turkey Farm, Rehoboth, Massachusetts	12
Washore Turkey Association, 920 S. E. Stark, Portland, Oregon	10
Wells Hatchery, Wells, Minnesota	6
West-Line Breeders Association, Kent, Washington	10
Western Hatcheries, 106 South Fifth St., Temple, Texas	16-18
Wila Turkey Ranch, L. H. Fosselman, Wila, Pennsylvania	14
Wilford, Harvey M., P.O. Box 185, Elyria, Ohio	12-14-18
Worthington Hatchery, Worthington, Minnesota	6- 8
Wright-Bolton Turkey Ranch, Inc., David City, Nebraska	10-18

MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	KIND OF STOCK	STRAIN OR TRADE NAME	MATING PRO- CEDURE	NUMBER OF HENS IN FLOCK	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHTS (lbs.)						COEFF. OF VAR. (FINAL LIVE WEIGHT)
					2 WEEKS	8 WEEKS	END OF TEST		8 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	26 WEEKS	
(Bronze Entries)															
Anderson, Minnesota	BBB	Anderson	Both	6,000	8	13	26	Toms Hens	* 3.1	* 6.1	16.9 12.8	19.3 14.0		22.4	11.1 8.5
Browning, Kentucky	BBB	Browning	Nat.	27,000	6	6	25	Toms Hens	3.5	6.7	17.7 13.3	20.5 14.6	15.0	23.5	9.8 8.6
Central Mo., Missouri	BBB	Waites	Nat.	22,500	9	11	34	Toms Hens	3.5	6.8	17.8 13.6	20.6 14.9	15.5	23.6	8.8 7.3
Farmers, Minnesota	BBB	Farmers	Both	354	5	9	22	Toms Hens	3.7	7.2	18.9 13.5	21.6 14.9	15.7	24.2	9.4 7.4
Henning, Minnesota	BBB	Pure Hamilton	Both	1,064	6	11	23	Toms Hens	3.3	6.4	17.9 13.3	20.4 14.7	15.3	23.6	10.1 8.5
Mannigels, Missouri	BBB	Mannigel's	Nat.	700	1	10	26	Toms Hens	2.9	5.8	16.5 12.0	18.5 13.1	13.6	21.6	11.0 8.3
Northern, Minnesota	BBB	Northern Knights	Both	2,000	10	14	28	Toms Hens	3.6	6.9	19.1 13.9	21.4 15.1	15.6	24.1	12.2 7.0
Pinetree, Minnesota	BBB	Pinetree	Both	6,000	5	11	32	Toms Hens	3.2	6.6	17.5 13.0	20.0 14.3	15.0	23.0	9.6 9.1
Rochester, Minnesota	BBB	Rochester	Both	45,000	4	8	22	Toms Hens	3.4	6.5	17.5 13.3	20.3 14.3	15.0	23.4	10.0 10.6
Shetler's, Minnesota	BBB	Norminn	Nat.	6,000	4	6	19	Toms Hens	3.4	6.5	17.1 12.8	19.8 13.8	14.6	22.2	9.7 7.7
Shetler's, Minnesota	BBB	Norminn	Nat.	6,000	4	6	21	Toms Hens	3.5	6.8	17.6 12.9	20.4 14.1	14.8	23.2	8.1 6.0
Spring Grove, Minnesota	BBB	Spring Grove	Nat.	800	11	23	40	Toms Hens	3.2	6.2	16.6 12.7	19.0 13.9	14.7	21.7	12.6 8.1
Sterling, Minnesota	BBB	Hart Schneider	Both	7,200	5	5	30	Toms Hens	3.5	6.9	18.1 13.4	20.8 14.9	15.5	23.4	9.3 7.5
Wells, Minnesota	BBB	Wells	Nat.	3,000	6	13	32	Toms Hens	3.5	6.9	17.9 13.4	20.2 14.4	15.2	22.9	8.2 9.4
Worthington, Minnesota	BBB	Worthmore #901	Nat.	2,500	4	6	28	Toms Hens	3.4	6.7	18.2 13.2	20.1 14.5	15.1	23.2	9.7 4.4
Average Bronze					5.9	10.1	27.2	Toms Hens	3.4	6.6	17.7 13.1	20.2 14.4	15.0	23.1	10.0 7.9

*Both Sexes

MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A For:			Feed Conversion Ratio	Entrant
Pounds	Coeff. of Var.		Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
									A	B	C					
(Bronze Entries)																
18.6 11.8	11.7 8.9	83.0 80.3	4.4 4.2	5.7 8.2	9.0 7.3	5.4 4.0	7.2 6.2	5.6 5.0								Anderson
19.5 12.1	10.7 6.9	83.0 80.7	4.1 3.9	7.5 8.7	9.1 7.5	4.9 4.1	7.6 6.4	4.6 5.5								Browning
19.2 12.1	8.2 8.6	81.4 78.1	3.9 3.7	7.8 8.4	9.5 7.8	4.6 4.7	7.7 6.7	5.0 4.1								Central Mo.
20.2 12.4	9.0 8.1	83.5 79.0	4.0 3.6	10.1 8.1	9.6 7.8	4.7 3.3	7.8 6.6	5.0 4.1								Farmers
19.6 12.3	11.4 8.7	83.0 80.4	4.2 4.1	10.9 9.1	9.2 7.5	4.8 4.3	7.6 6.5	5.5 6.7								Henning
17.9 10.8	11.1 9.8	82.9 79.4	3.9 3.6	9.2 10.1	9.0 7.4	5.0 3.5	7.3 6.3	4.1 4.3								Mannigel's
19.6 12.6	13.7 8.1	81.3 80.8	4.4 4.3	8.8 7.5	9.1 7.5	5.0 4.0	7.3 6.3	4.0 4.3								Northern
18.5 12.1	10.5 13.1	80.4 80.7	3.9 3.9	6.1 7.0	9.4 7.6	4.9 3.3	7.5 6.4	4.7 4.8								Pinetree
19.6 11.8	8.5 10.8	83.8 78.7	4.3 4.0	7.2 9.0	9.1 7.4	4.6 4.5	7.4 6.3	4.3 5.8								Rochester
18.2 11.5	9.4 8.5	82.0 78.8	3.8 3.6	8.8 10.6	9.4 7.7	4.5 4.0	7.6 6.6	5.3 6.4								Shetler's
18.9 11.5	8.7 6.8	81.5 77.7	3.8 3.6	8.2 8.5	9.7 7.7	4.2 2.6	7.7 6.5	4.3 6.6								Shetler's
17.8 11.7	9.1 7.7	82.0 79.6	4.0 3.9	10.9 8.1	9.1 7.5	5.2 2.9	7.3 6.4	4.5 4.5								Spring Grove
19.3 12.3	9.8 8.1	82.5 79.4	4.0 3.8	8.7 8.4	9.5 7.6	5.3 3.4	7.6 6.5	4.5 4.5								Sterling
19.0 11.9	9.5 11.6	83.0 78.3	4.4 4.1	8.3 7.7	9.1 7.5	4.5 5.5	7.3 6.3	4.7 7.4								Wells
19.5 12.3	10.6 4.5	84.1 81.6	4.7 4.5	10.9 7.9	9.0 7.3	5.0 3.7	7.2 6.2	4.2 6.1								Worthington
19.0 11.9	10.1 8.7	82.5 79.6	4.1 3.9	8.6 8.5	9.3 7.5	4.8 3.9	7.5 6.4	4.7 5.3								Average Bronze

MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

ENTRANT	KIND OF STOCK	STRAIN OR TRADE NAME	MATING PRO- CEDURE	NUMBER OF HENS IN FLOCK	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHTS (lbs.)						COEFF. OF VAR. (FINAL LIVE WEIGHT)
					2 WEEKS	8 WEEKS	END OF TEST		8 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	26 WEEKS	
(White Entries)															
Jerome, Wisconsin	BW Exp.	Jerome.	Nat.	500	4	6	16	Toms Hens	3.1	5.8	15.4 11.7	18.0 12.8	13.6	21.4	8.1 8.7
Land O'Lakes, Minnesota	BBW	Land O' Lakes	Nat.	500	3	6	10	Toms Hens	3.1	6.1	16.8 11.9	19.2 13.2	13.9	22.3	11.1 7.1
Doc Reed, Minnesota	EW	Doc Reed's	Nat.	26,000	10	13	16	Toms Hens	3.3	6.1	16.4 11.9	18.9 12.8	13.5	21.7	7.4 7.5
Rochester, Minnesota	BW	Lancaster	Nat.	45,000	4	11	18	Toms Hens	3.3	6.1	15.9 11.8	18.3 13.0	13.8	21.5	9.4 9.1
Worthington, Minnesota	BW	Thompson	Nat.	10,000	26	34	38	Toms Hens	2.8	6.4	16.1 11.5	18.1 12.9	13.6	21.7	8.4 6.8
Average White					9.3	13.9	19.5	Toms Hens	3.1	6.1	16.1 11.8	18.5 12.9	13.7	21.7	8.9 7.8

 CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA
 (Bronze Entries)

Ables, Missouri	BBB SF	Ables	Nat.	2,000		3	17	Toms Hens	4.7	9.8		20.4		28.0	5.2
Browning, Kentucky	BBB SF	Browning	Nat.	27,000		3	12	Toms Hens	4.9	10.2		21.7		29.2	7.9
Central Mo., Missouri	BBB SF	Waite's	Both	22,000		7	16	Toms Hens	4.8	10.0		21.4		28.6	11.3
Gibbon, Nebraska	BBB BR	Hunter	Both	6,000		4	20	Toms Hens	5.0	10.3		21.5		29.7	7.3
Grant, Washington	BBB SF	Grant's Pure Line	Nat.	3,000		6	19	Toms Hens	5.0	10.0		21.6		30.3	9.9
Hart, Oregon	BBB BR	Hart's	Nat.	3,200		2	9	Toms Hens	4.8	9.8		20.8		28.1	7.1
Hildebrand, Nebraska	BBB SF	Hildebrand	Nat.	1,100		4	20	Toms Hens	4.7	9.9		21.0		28.9	9.8
Ingersoll, Kansas	BBB SF	Ingersoll	Nat.	1,600		5	10	Toms Hens	4.4	9.2		18.9		27.3	9.4
Kirby, Ohio	BBB BR	Arnett's	Nat.	1,200		5	21	Toms Hens	4.5	9.3		20.4		27.3	8.1
Keithley, California	BBB SF	Keithley #212	Nat.	21,000		8	21	Toms Hens	4.8	10.1		21.9		29.6	8.9
Loomis, California	BBB SF	Loomis Bronze	Both	41,000		7	15	Toms Hens	4.8	9.8		21.0		29.3	9.2

MINNESOTA CENTRAL RANDOM SAMPLE TURKEY MEAT PRODUCTION TEST

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A For:			Feed Conversion Ratio	Entrant
Pounds	Coeff. of Var.		Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
									A	B	C					
(White Entries)																
17.7 10.5	9.0 9.7	82.7 77.2	3.9 3.9	6.5 8.5	9.0 7.3	4.1 3.3	7.2 6.1	4.2 4.3								Jerome
18.4 10.7	11.6 7.5	82.5 77.0	3.9 4.0	6.9 9.3	9.0 7.4	5.8 3.5	7.2 6.2	5.0 5.5								Land O' Lakes
17.9 10.3	8.4 8.0	82.5 76.3	3.9 3.9	7.4 7.2	9.0 7.3	3.8 4.5	7.3 6.2	3.6 5.0								Doc Reed
17.7 10.5	9.9 9.0	82.3 76.1	3.7 3.7	8.4 7.0	9.2 7.6	4.4 4.1	7.2 6.3	5.8 5.6								Rochester
18.0 10.4	9.8 6.8	82.9 76.5	4.1 4.0	7.4 9.4	8.7 7.2	4.1 2.9	7.0 6.1	4.5 3.8								Worthington
17.9 10.5	9.7 8.2	82.6 76.6	3.9 3.9	7.3 8.3	9.0 7.4	4.4 3.7	7.2 6.2	4.6 4.8								Average White

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA (Bronze Entries)

22.3 11.8	6.8 6.5	79.6 77.6	4.2 4.4	7.6 10.1	9.5 7.4	4.6 3.4	7.7 6.1	5.7 5.5	97.2 100.0	0.0 0.0	2.8 0.0					Ables
23.0 11.8	9.3 7.5	78.8 77.6	4.5 4.6	8.8 7.4	9.3 7.1	4.1 15.5	7.7 6.1	5.0 4.5	92.7 97.8	4.9 0.0	2.4 2.2					Browning
23.2 12.0	11.3 8.6	81.1 76.9	4.2 4.2	8.3 11.6	9.4 7.4	5.2 3.3	7.9 6.1	6.6 4.4	91.7 91.1	5.6 4.4	2.8 4.4					Central Mo.
23.7 12.1	7.2 8.3	79.8 78.1	4.6 4.7	7.2 8.0	9.4 7.2	4.8 3.5	7.8 6.1	6.1 5.0	92.1 94.7	2.6 5.3	5.3 0.0					Gibbon
23.6 12.2	9.6 5.6	77.9 78.2	4.4 4.3	8.5 9.9	9.6 7.4	3.8 3.5	7.8 6.3	5.6 4.3	93.5 91.7	0.0 4.2	6.5 4.2					Grant
22.8 12.0	7.6 8.1	81.1 78.4	4.8 5.0	9.6 9.5	9.3 7.2	4.8 4.1	7.7 6.2	5.1 4.4	89.4 93.0	6.4 4.7	4.3 2.3					Hart
23.0 11.9	10.2 6.8	79.6 77.8	4.4 4.4	7.6 8.5	9.4 7.3	4.8 3.5	7.8 6.1	5.8 4.9	92.1 95.1	7.9 2.4	0.0 2.4					Hildebrand
21.9 11.2	10.2 7.1	80.2 78.3	4.1 4.3	8.2 9.8	9.3 7.2	5.0 4.0	7.6 6.1	5.9 5.1	91.7 92.2	8.3 3.9	0.0 3.9					Ingersol
22.4 12.1	8.0 5.7	82.1 79.1	5.1 5.3	8.7 5.2	9.0 7.0	3.9 3.2	7.5 5.9	5.5 4.7	100.0 100.0	0.0 0.0	0.0 0.0					Kirby
23.8 12.5	10.0 15.4	80.4 77.6	5.1 5.1	8.8 6.0	9.1 7.2	5.7 3.6	7.6 6.0	6.3 4.9	94.7 97.6	5.3 2.4	0.0 0.0					Keithley
23.1 11.6	9.3 7.4	78.8 78.4	4.7 4.6	8.1 7.9	9.3 7.1	3.5 4.1	7.7 6.0	5.2 4.6	94.9 97.6	2.6 2.4	2.6 0.0					Loomis

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

ENTRANT	KIND OF STOCK	STRAIN OR TRADE NAME	MATING PROCEDURE	NUMBER OF HENS IN FLOCK	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHTS (lbs.)						COEFF. OF VAR. (FINAL LIVE WEIGHT)
					2 WEEKS	8 WEEKS	END OF TEST		8 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	26 WEEKS	
(Bronze Entries-Cont'd)															
Mannigel, Missouri	BBB BR	Mannigels	Nat.	300		8	29	Toms Hens	4.5 3.4	9.4 7.0		19.7 13.6		27.4 14.4	5.9 5.0
Maplecrest, Iowa	BBB SF	Maplecrest	Both	33,000		7	22	Toms Hens	4.8 4.0	10.0 7.9		22.1 14.4		29.9 15.7	8.5 6.3
Morrow, Missouri	BBB SF	Morrow's	Nat.	1,000		4	17	Toms Hens	4.7 3.9	9.7 7.7		20.7 14.6		29.9 15.8	6.9 6.7
Nicholas, California	BBB BR	Nicholas	Nat.	8,000		10	21	Toms Hens	4.5 3.8	9.7 7.6		20.4 14.1		27.6 15.4	7.1 5.7
Norbest, Utah	BBB SF	Norbest #120	Nat.	3,000		5	20	Toms Hens	5.0 4.2	10.4 8.3		21.9 15.9		30.8 16.4	7.4 6.3
Norbest, Utah	BBB SF	Norbest S-30-H	Nat.	5,000		2	15	Toms Hens	4.6 3.8	9.9 7.7		20.8 14.5		28.9 15.5	8.5 8.0
Norbest, Utah	BBB SF	Norbest-Hunter #326	Both	20,000		5	16	Toms Hens	5.1 3.8	10.2 7.7		21.0 14.5		30.5 15.6	5.9 6.6
Rogge, Iowa	BBB SF	Rogge's Bronze	Nat.	3,000		9	18	Toms Hens	4.7 3.8	9.5 7.5		21.0 13.9		29.3 15.0	7.7 7.6
Ramona, California	BBB BR	Vernon Cornelius's	Nat.	1,400		4	14	Toms Hens	4.7 3.8	10.0 7.7		21.0 14.5		27.9 15.3	9.2 6.2
Sand Springs, Oklahoma	BBB SF	Bingham's	Nat.	2,500		8	17	Toms Hens	4.5 3.5	9.2 7.3		20.0 13.7		26.6 14.9	7.8 8.8
Stout, Missouri	BBB BR	Stouts	Nat.	2,000		3	14	Toms Hens	4.6 3.6	9.9 7.4		21.7 14.1		28.7 15.0	9.9 6.0
Sure, Nebraska	BBB SF	Parr's Broadway	Nat.	3,000		6	17	Toms Hens	4.9 3.9	10.1 7.7		20.7 14.0		29.6 15.1	8.0 6.5
Washore, Oregon	BBB BR	Hamilton's	Nat.	2,000		6	16	Toms Hens	5.0 4.2	10.1 8.3		22.8 14.9		29.8 16.1	9.5 5.8
West Line, Washington	BBB SF	West Line #951	Nat.	18,000		9	20	Toms Hens	4.6 3.9	9.8 8.0		19.9 15.0		29.3 15.5	6.8 6.2
Wright-Bolton, Nebraska	BBB SF	Wright-Bolton	Nat.	1,000		3	18	Toms Hens	4.8 3.8	10.1 7.6		21.2 14.0		29.9 15.0	8.3 6.7
Average Bronze						5.5	17.5	Toms Hens	4.7 3.8	9.9 7.6		21.0 14.3		28.9 15.3	8.1 6.7

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A For:			Feed Conversion Ratio	Entrant
Pounds	Coeff. of Var.		Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
									A	B	C					
(Bronze Entries-Cont'd)																
22.2 11.3	6.6 5.5	81.0 78.5	4.3 4.3	6.6 10.1	9.4 7.3	3.7 4.1	7.4 5.9	4.7 5.6	96.9 92.6	3.1 3.7	0.0 3.7					Mannigel
23.8 12.3	8.8 6.3	79.6 78.3	4.6 4.5	7.4 8.5	9.5 7.4	4.1 4.1	7.8 6.2	6.1 4.6	93.3 91.1	0.0 8.9	6.7 0.0					Maplecrest
24.1 12.3	6.9 6.4	80.6 77.8	5.0 5.0	7.5 8.5	9.2 7.2	3.9 3.8	8.0 6.3	5.5 5.5	94.6 97.8	0.0 0.0	5.4 2.2					Morrow
22.4 11.9	9.7 6.1	81.2 77.3	4.6 5.0	7.1 6.7	9.5 7.3	4.5 3.2	7.5 6.0	5.4 6.0	88.2 95.0	2.9 2.5	8.8 2.5					Nicholas
25.0 12.8	8.1 6.6	81.2 78.0	5.0 5.0	8.5 9.6	9.3 7.2	4.2 3.9	7.8 6.1	5.4 5.6	94.3 95.2	2.9 4.8	2.9 0.0					Norbest #120
23.4 12.0	7.7 8.3	81.0 77.4	4.8 4.8	7.7 9.0	9.1 7.2	4.0 3.8	7.7 6.1	6.1 4.9	95.2 97.6	2.4 2.4	2.4 0.0					Norbest S-30-H
24.6 12.3	6.3 7.0	80.7 78.8	4.9 5.0	7.5 7.2	9.4 7.2	3.3 3.7	7.9 6.1	4.9 4.4	97.4 97.7	2.6 2.3	0.0 0.0					Norbest #326
23.4 11.6	8.3 7.9	79.9 77.3	4.3 4.2	9.1 11.2	9.5 7.4	5.8 4.0	7.9 6.1	5.3 5.4	88.9 100.0	8.3 0.0	2.8 0.0					Rogge
22.6 12.0	8.3 6.6	81.0 78.4	4.7 4.9	8.7 7.6	9.4 7.3	3.3 3.0	7.4 6.1	5.5 4.2	95.1 100.0	0.0 0.0	4.9 0.0					Ramona
21.7 11.9	9.9 8.4	81.6 79.9	4.7 4.8	7.1 10.6	9.4 7.2	3.7 3.8	7.5 6.1	6.1 4.7	94.4 90.2	2.8 9.8	2.8 0.0					Sand Springs
23.2 11.9	9.0 6.0	80.8 79.3	4.8 4.8	9.5 7.9	9.3 7.1	3.8 3.1	7.5 6.1	6.2 4.4	95.7 100.0	2.2 0.0	2.2 0.0					Stout
23.2 11.7	8.8 6.6	78.4 77.5	4.2 4.2	7.6 11.5	9.3 7.1	10.3 15.9	7.7 6.2	5.0 4.3	97.2 95.2	2.8 0.0	0.0 4.8					Sure
23.5 12.6	11.5 5.3	78.9 78.3	5.0 5.2	11.1 4.4	8.9 7.1	17.7 3.4	7.9 6.2	7.0 4.4	94.4 93.5	5.6 4.3	0.0 2.2					Washore
23.1 12.2	7.4 7.1	78.8 78.7	4.8 4.8	7.1 7.4	9.3 7.2	3.9 3.6	7.7 6.1	6.7 5.0	93.9 94.9	0.0 2.6	6.1 2.6					West Line
24.2 11.7	7.0 6.4	80.9 78.0	4.4 4.4	8.6 9.2	9.6 7.2	3.6 3.2	7.9 6.1	5.5 4.9	97.3 92.3	2.7 7.7	0.0 0.0					Wright - Bolton
23.2 12.0	8.6 7.2	80.3 78.4	4.6 4.7	8.2 8.6	9.3 7.2	5.0 4.6	7.7 6.1	5.7 4.9	94.1 95.5	3.1 3.0	2.8 1.4					Average Bronze

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

Entrant	Kind of Stock	Strain or Trade Name	Mating Procedure	Number of Hens in Flock	Mortality (%)			Sex	Average Live Weights (lbs.)						Coeff. of Var. (Final Live Weight)
					2 Weeks	8 Weeks	End of Test		8 Weeks	12 Weeks	20 Weeks	22 Weeks	24 Weeks	26 Weeks	
(White Entries)															
Ables, Missouri	LBW SF	Thompson's	Nat.	6,000		8	18	Toms Hens	3.4 2.8	7.7 6.1		12.1	19.5		9.1 6.9
Browning, Kentucky	BBW SF	Browning	Nat.	5,200		7	8	Toms Hens	3.4 2.9	8.0 6.3		12.8	20.4		8.9 7.8
Gozzi, Connecticut	GW BR	Gozzi's	Both	2,300		3	10	Toms Hens	3.5 3.0	8.3 6.6		13.0	21.1		9.8 7.8
Keithley, California	BBW SF	Keithley	Nat.	400		26	36	Toms Hens	3.9 3.3	8.8 7.1		13.2	20.5		9.4 10.2
Kirby, Ohio	BBW BR	Rivervene	Nat.	2,200		3	13	Toms Hens	3.4 3.0	7.9 6.3		12.3	19.3		8.1 7.8
Nicholas, California	LW BR	Nicholas White	Nat.	410		10	15	Toms Hens	4.0 3.5	8.9 7.3		14.1	21.1		10.5 8.5
River Rest, Oklahoma	LW BR	River Rest	Nat.	6,000		5	10	Toms Hens	3.5 2.9	8.0 6.3		12.7	20.2		7.4 8.6
Rusk, Washington	LW BR	Rusk's	Nat.	140		8	19	Toms Hens	3.8 3.1	8.7 6.7		13.4	21.9		8.3 5.8
Segars, California	BBW SF	Segars	Nat.	1,200		4	10	Toms Hens	4.0 3.4	8.9 7.2		13.9	21.8		9.8 8.5
Stout, Missouri	BBW BR	Stout's	Nat.	5,000		14	16	Toms Hens	3.5 3.0	7.9 6.4		12.2	19.6		10.0 8.0
Thompson, Arkansas	BW SF	Thompson's	Both	5,000		5	13	Toms Hens	3.5 3.0	8.1 6.6		12.8	20.2		8.8 9.2
Warren, Massachusetts	BW BR	Warren's	Nat.	2,500		20	20	Toms Hens	3.5 3.0	8.2 6.5		12.6	20.1		9.1 6.7
Wilford, Ohio	LW BR	Wilford	Nat.	1,500		20	25	Toms Hens	3.5 2.9	7.9 6.2		12.5	19.4		9.2 7.7
Average White						10.2	16.4	Toms Hens	3.6 3.1	8.3 6.6		12.9	20.4		9.1 8.0

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA
(Bronze Entries)

Browning, Kentucky	BBB SF	Browning	Nat.		1.0	1.0	10.0	Toms Hens	3.3* 3.3	8.2 6.3	18.5 13.4	20.9 14.9	23.5 16.1	25.4	9.5 8.1
Cooper, Ohio	BBB SF	Waite King Size	Nat.		0.0	3.7	11.4	Toms Hens	3.2 3.2	8.0 6.0	18.4 13.4	21.2 15.2	23.3 16.5	25.4	10.3 7.8
Ephrata, Pennsylvania	BBB SF	Hamilton	Nat.		7.4	10.6	13.8	Toms Hens	3.2 3.2	8.0 6.3	17.8 14.5	21.6 15.9	23.9 17.1	25.3	14.1 6.5
Janes Bar Nothing, Texas	BBB SF	Janes Tex.Spec.	Both		0.0	0.0	4.1	Toms Hens	3.3 3.3	8.0 6.1	17.7 12.4	20.9 14.2	23.5 15.5	25.4	8.5 6.8

* Both sexes

CENTRAL TURKEY MEAT PRODUCTION TEST OF NEBRASKA

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A For:			Feed Conversion Ratio	Entrant
Pounds	Coeff. of Var.		Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
									A	B	C					
(White Entries)																
15.3 9.4	9.1 6.6	78.5 77.7	3.8 3.6	10.7 8.0	8.5 6.8	8.1 4.4	6.7 5.9	5.4 7.9	84.6 100.0	12.8 0.0	2.6 0.0					Ables
16.0 9.6	9.7 7.9	78.4 75.0	4.2 3.9	8.7 6.4	8.7 6.9	6.7 3.1	6.7 5.8	4.9 12.7	88.4 89.5	7.0 2.6	4.7 7.9					Browning
16.4 10.1	10.1 8.2	77.7 77.7	4.8 4.3	10.5 9.3	8.5 6.6	5.4 4.8	6.7 5.8	4.7 12.3	95.7 95.5	2.2 2.3	2.2 2.3					Gozzi
16.1 10.5	8.6 9.5	78.5 79.5	4.4 3.9	8.8 6.4	8.6 7.1	5.8 3.1	6.7 6.0	7.5 6.4	96.4 97.1	3.6 0.0	0.0 2.9					Keithley
15.1 9.1	8.3 7.3	78.2 74.0	3.9 3.6	9.4 8.3	8.7 6.9	4.7 3.6	6.7 5.7	5.3 6.7	86.4 97.5	11.4 0.0	2.3 2.5					Kirby
16.8 11.1	10.4 8.2	79.6 78.7	4.4 4.3	8.1 7.4	8.8 7.1	5.0 3.2	6.6 6.3	10.5 5.8	97.7 97.4	2.3 0.0	0.0 2.6					Nicholas
15.8 9.9	8.0 8.7	78.2 78.0	3.8 3.8	6.7 7.2	8.7 7.0	4.4 4.4	6.8 6.2	5.9 7.0	85.4 91.5	14.6 8.5	0.0 0.0					River Rest
16.9 10.3	7.9 6.5	77.2 76.9	4.0 3.9	9.6 8.4	8.7 7.0	5.5 2.7	7.0 6.0	7.6 6.6	87.8 100.0	9.8 0.0	2.4 0.0					Rusk
17.3 10.6	10.3 11.0	79.4 76.3	4.1 3.8	10.0 10.5	9.0 7.2	5.0 4.0	7.0 5.9	8.2 7.4	91.1 93.0	8.9 2.3	0.0 4.7					Segars
15.6 9.5	10.4 7.1	79.6 77.9	3.8 3.7	8.7 8.2	8.8 7.1	7.3 6.1	6.7 5.7	7.0 5.8	100.0 100.0	0.0 0.0	0.0 0.0					Stout
15.8 10.1	8.9 7.6	78.2 78.9	4.3 4.4	9.4 8.1	8.7 6.9	4.4 3.3	6.7 5.8	6.8 4.5	88.1 100.0	9.5 0.0	2.4 0.0					Thompson
15.8 9.9	9.9 6.4	78.6 78.6	4.3 4.4	13.2 7.4	8.6 6.8	4.7 3.8	6.6 5.7	5.7 6.3	96.9 100.0	3.1 0.0	0.0 0.0					Warren
15.4 9.6	10.2 8.9	79.4 76.8	4.3 4.4	12.0 7.4	8.5 6.8	5.0 3.3	6.5 5.7	6.1 10.4	94.4 100.0	5.6 0.0	0.0 0.0					Wilford
16.0 10.0	9.4 8.0	78.4 77.5	4.2 4.0	9.7 7.9	8.7 6.9	5.5 3.8	6.7 5.9	6.6 7.7	91.8 97.0	7.0 1.2	1.3 1.8				3.81*	Average White

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA
(Bronze Entries)

20.8 13.4	10.6 8.1	81.9 83.2	6.4 6.1	6.7 4.9	8.8 7.2	2.5 3.2	7.6 6.8	4.5 4.2	63.0 70.2	37.0 29.8	0.0 0.0	88.9 100.0	74.1 80.2	77.8 95.7	4.37*	Browning
21.1 13.3	10.6 8.7	83.1 80.6	5.6 5.7	9.8 6.3	9.0 7.2	3.8 3.1	7.8 6.9	4.1 3.8	71.4 56.7	22.9 43.3	5.7 0.0	100.0 100.0	72.2 56.7	94.2 96.7	4.35	Cooper
21.2 13.9	16.3 7.4	83.8 81.3	6.7 6.4	9.7 7.0	8.7 7.0	4.6 4.2	7.7 7.0	4.9 3.3	71.4 51.4	26.2 48.6	2.4 0.0	83.3 97.3	78.6 54.1	100.0 97.3	4.03	Ephrata
21.1 12.3	9.6 11.8	83.1 79.4	5.9 5.6	5.8 5.0	8.8 6.7	2.7 3.7	7.6 6.5	3.6 5.3	76.6 69.8	23.4 30.2	0.0 0.0	95.7 100.0	89.4 72.1	91.5 97.7	4.10	Janes

*Both sexes

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

ENTRANT	KIND OF STOCK	STRAIN OR TRADE NAME	MATING PRO- CEDURE	NUMBER OF HENS IN FLOCK	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHTS (lbs.)						COEFF. OF VAR. (FINAL LIVE WEIGHT)
					2 WEEKS	8 WEEKS	END OF TEST		8 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	26 WEEKS	
(Bronze Entries-Cont'd)															
Kirby's, Ohio	BBB SF	Arnett Rivervene	Nat.		2.4	4.7	9.4	Toms Hens	3.1*	7.7 6.1	18.2 13.4	21.3 15.2	23.9 16.6	25.7	9.9 8.6
Linesville, Pennsylvania	BBB SF	Conyer	Nat.		5.0	8.0	16.0	Toms Hens	3.3	7.8 6.0	18.3 13.0	21.6 14.9	24.0 16.4	26.3	9.9 9.0
Nicholas, California	BBB BR	Nicholas	Both		6.0	6.0	12.0	Toms Hens	3.1	8.1 6.6	17.9 14.0	20.5 15.8	22.9 17.2	24.5	9.4 6.1
Shearer, Pennsylvania	BBB SF	Shearer	Both		2.4	3.7	6.1	Toms Hens	3.4	8.4 6.6	18.9 14.0	21.6 15.7	23.9 17.1	25.7	8.9 8.3
Turrill's, Pennsylvania	BBB SF	Turrill	Art.		10.2	13.3	14.3	Toms Hens	3.3	8.1 6.4	18.0 13.1	20.9 14.9	23.1 16.3	24.7	8.8 5.0
Wila, Pennsylvania	BBB BR	Cooper	Art.		1.0	2.0	7.1	Toms Hens	3.2	8.0 6.1	18.3 13.3	21.2 15.3	23.0 16.2	24.7	8.6 7.7
Average Bronze					3.5	5.3	10.4	Toms Hens	3.2	8.6 6.3	18.2 13.5	21.2 15.2	23.5 16.5	25.3	9.8 7.4
(White Entries)															
Anderson's, Massachusetts	BBLW BR	Block- buster	Art.		2.0	2.0	7.1	Toms Hens	3.0	7.4 5.7	17.2 12.5	19.5 13.8	21.4 15.1	22.9	8.9 9.8
Ephrata, Pennsylvania	BW SF	Segars	Nat.		1.0	3.0	8.0	Toms Hens	3.3	7.6 6.0	17.3 12.6	20.0 14.1	22.0 15.4	24.2	9.1 5.7
River Rest, Oklahoma	LW BR	River Rest	Nat.		6.2	16.0	22.2	Toms Hens	2.5	6.5 5.3	16.7 12.1	19.5 13.7	21.7 14.8	23.6	12.2 6.6
Gozzi, Connecticut	BBLW BR	Guilford White	Both		5.0	6.0	9.0	Toms Hens	2.7	7.0 5.7	17.3 12.6	20.2 14.3	22.9 15.5	24.8	12.2 7.4
Linesville, Pennsylvania	BW SF	Thompson	Nat.		7.0	11.0	15.0	Toms Hens	2.4	6.6 5.1	15.2 11.0	17.5 12.6	19.2 13.5	20.4	10.6 7.5
Nicholas, California	BBW BR	Nicholas	Nat.		5.1	5.1	13.3	Toms Hens	3.4	8.3 6.5	17.9 13.2	21.5 15.2	23.3 15.9	24.9	10.9 10.9
Palmateer's, Pennsylvania	BW SF	Thompson	Nat.		8.0	9.0	11.0	Toms Hens	2.6	6.9 5.0	16.8 11.8	19.8 13.4	21.7 14.3	24.2	8.1 8.8
Rexrode, Pennsylvania	BBW SF	Rexrode	Both		2.0	4.1	9.2	Toms Hens	2.6	6.6 5.2	15.8 11.5	18.8 13.2	20.5 14.0	22.9	9.6 6.1
Thompson, Arkansas	BW BR	Thompson	Both		1.0	8.1	15.2	Toms Hens	2.7	7.0 5.3	17.0 12.0	19.8 13.5	21.9 14.5	24.5	7.7 7.3
Wilford, Ohio	BBW BR	3-C-88	Both		7.0	7.0	12.0	Toms Hens	2.8	7.3 5.4	17.3 11.8	20.0 13.2	22.5 14.4	24.4	6.9 10.2
Average White					4.4	7.1	12.2	Toms Hens	2.8	7.1 5.5	16.9 12.1	19.7 13.7	21.7 14.7	23.7	9.6 8.0

* Both Sexes

CENTRAL TURKEY MEAT PRODUCTION TEST OF PENNSYLVANIA

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A for:			Feed Conversion Ratio	Entrant
			Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
Pounds	Coeff. of Var.								A	B	C					
(Bronze Entries-Cont'd)																
21.2 13.4	10.2 8.6	82.5 80.7	7.1 6.5	10.4 5.4	8.4 6.7	5.6 3.9	7.3 6.7	5.4 4.7	79.3 77.8	20.7 22.2	0 0	96.6 100.0	79.3 77.8	93.1 100.0	4.19*	Kirby's
20.9 13.1	10.7 9.4	79.5 79.9	6.5 6.1	9.3 5.4	8.5 6.9	3.3 4.1	7.5 6.7	3.7 4.9	75.6 91.3	24.4 8.7	0 0	93.3 100.0	84.4 91.3	86.7 100.0	4.07	Linesville
19.9 14.0	9.1 6.0	81.2 81.4	6.8 6.4	5.4 5.8	8.3 6.9	6.2 3.6	7.2 6.9	3.2 3.8	56.3 73.9	37.5 26.1	6.2 0	68.8 100.0	68.8 73.9	93.8 100.0	4.40	Nicholas
21.6 13.8	9.9 9.0	84.0 80.7	7.7 7.1	6.3 6.0	8.4 7.0	3.8 3.7	7.2 6.8	3.9 3.4	55.9 73.3	32.3 26.7	11.8 0	97.1 96.7	55.9 73.3	94.1 90.0	3.80	Shearer
20.7 13.3	9.2 6.0	83.8 81.6	7.3 7.0	7.2 3.2	8.2 6.8	5.5 2.8	7.3 6.8	3.7 5.2	59.4 74.4	34.4 25.6	6.2 0	96.9 100.0	81.3 79.5	75.0 94.9	3.86	Turrill's
20.8 13.4	7.8 8.1	84.2 82.7	7.6 7.1	5.7 4.0	8.1 6.6	4.5 3.3	7.2 6.7	3.8 5.1	66.7 56.5	30.6 43.5	2.7 0	88.9 100.0	80.6 56.5	88.9 97.8	3.95	Wila
20.9 13.4	10.4 8.3	82.7 81.2	6.8 6.4	7.6 5.3	8.5 6.9	4.3 3.6	7.4 6.8	4.1 4.4	67.6 69.5	28.9 30.5	3.5 0	91.0 99.4	76.5 70.5	89.5 97.0	4.11	Average Bronze
(White Entries)																
19.1 12.1	11.2 13.2	83.4 80.1	6.7 6.5	6.9 4.6	8.5 6.6	3.9 3.9	6.9 6.5	4.1 6.8	90.7 55.3	7.0 36.2	2.3 0	90.7 95.7	97.7 55.3	97.7 100.0	4.33	Anderson's
19.9 12.4	9.3 7.1	82.2 80.5	5.7 5.8	9.7 4.5	8.7 6.9	2.6 3.6	7.4 6.6	3.7 3.0	91.7 89.8	8.3 10.2	0 0	100.0 100.0	91.7 89.8	100.0 100.0	4.24	Ephrata
19.1 11.8	11.1 7.1	80.9 79.7	5.6 5.8	7.3 4.8	8.6 6.8	4.6 4.1	7.4 6.6	5.8 3.3	73.7 62.9	15.8 37.1	10.5 0	94.7 100.0	73.7 62.9	100.0 100.0	4.30	River Rest
20.4 12.6	12.2 7.1	82.3 81.3	7.1 6.5	8.3 4.5	8.5 6.7	4.6 4.3	7.2 6.6	5.4 4.3	100.0 76.1	0 23.9	0 0	100.0 100.0	100.0 76.1	100.0 100.0	4.00	Gozzi
15.7 10.7	14.1 8.9	77.0 79.3	5.5 5.6	7.5 5.2	8.2 6.4	4.8 3.9	7.1 6.2	5.3 4.2	42.9 87.2	57.1 12.8	0 0	78.6 100.0	50.0 87.2	100.0 100.0	4.49	Linesville
19.7 13.0	9.7 9.0	79.1 81.8	6.2 6.2	7.3 6.3	8.7 6.9	4.5 3.6	7.2 6.8	4.8 3.4	97.7 80.0	2.3 20.0	0 0	97.7 100.0	100.0 80.0	100.0 100.0	4.27	Nicholas
19.3 11.2	9.3 10.9	79.8 78.3	6.1 6.0	6.2 5.2	8.4 6.5	2.5 3.5	7.3 6.5	3.8 3.9	95.0 88.1	5.0 11.9	0 0	100.0 100.0	95.0 88.1	100.0 100.0	4.19	Palmateer's
18.1 11.0	9.7 6.1	79.0 78.6	6.2 5.9	6.3 4.4	8.3 6.6	3.8 2.7	7.0 6.4	4.1 3.1	88.9 91.7	11.1 8.3	0 0	97.2 100.0	91.7 91.7	100.0 100.0	4.23	Rexrode
19.4 11.6	8.8 8.3	79.2 80.0	6.3 5.9	7.9 4.9	8.5 6.6	3.9 2.9	7.2 6.5	3.2 3.8	70.6 82.6	23.5 17.4	5.9 0	100.0 100.0	70.6 82.6	100.0 100.0	4.13	Thompson
20.0 11.3	8.5 10.9	82.0 78.5	6.5 6.0	9.3 7.5	8.4 6.7	2.9 4.0	7.2 6.5	3.6 5.0	97.1 79.5	2.9 20.5	0 0	100.0 97.7	97.1 79.5	100.0 100.0	4.19	Wilford
19.1 11.8	10.4 8.9	80.5 79.8	6.2 6.0	7.7 5.2	8.5 6.7	3.8 3.7	7.2 6.5	4.4 4.1	84.8 79.3	13.3 19.8	1.9 .9	95.9 99.3	86.8 79.3	99.8 100.0	4.24	Average White

*Both Sexes

Texas Central Random Sample Turkey Meat Production Test

ENTRANT	KIND OF STOCK	STRAIN OR TRADE NAME	MATING PROCEDURE	NUMBER OF HENS IN FLOCK	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHTS (lbs.)						COEFF. OF VAR. (FINAL LIVE WEIGHT)
					2 WEEKS	8 WEEKS	END OF TEST		9 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	27 WEEKS	
	(Bronze Entries)														
Barnett, Texas	BR BBB	Barnett	Nat.	1,700	-	3	5	Toms Hens	4.9 4.0	7.2 6.0		16.7 12.2		21.8	14.8 6.8
Bingham, Texas	BR BBB	Bingham	Both	2,000	1	2	5	Toms Hens	4.9 4.2	7.4 6.1		16.4 12.2		22.3	12.1 7.9
Browning, Kentucky	SF BBB	Browning	Nat.	27,000	1	1	1	Toms Hens	5.2 6.3	7.7 6.4		17.8 13.0		23.9	11.6 6.9
Central Mo., Missouri	SF BBB	Waite's BBB	Nat.	22,000	1	3	5	Toms Hens	5.3 4.3	7.9 6.3		18.4 13.6		25.0	9.2 7.5
Grant's Washington	SF BBB	Grant's Pure Line	Both	3,000	5	6	12	Toms Hens	5.2 4.4	7.5 6.3		17.4 13.6		24.2	10.3 11.4
Great State, Texas	SF BBB	Hart's Schneider	Nat.	1,600	2	2	3	Toms Hens	5.3 4.4	7.7 6.4		17.8 13.4		24.1	10.3 6.6
Hall, California	BR BBB	Hall Manor Brand	Nat.	8,000	1	1	4	Toms Hens	5.1 4.1	7.1 6.0		16.9 12.3		22.3	9.7 10.6
Janes Bar Nothing, Texas	SF BBB	Str. Cr. Tex. Spec.	Both	12,000	-	4	6	Toms Hens	5.1 4.1	7.3 6.1		17.5 11.9		23.2	8.8 9.0
Janes Bar Nothing, Texas	BR BBB	Janes Meat Str.	Both	550	2	4	8	Toms Hens	4.7 4.0	7.6 6.1		18.5 12.4		24.8	11.3 9.3
Janes Bar Nothing, Texas	SF BBB	Str. Cr. #258	Both	275	2	3	6	Toms Hens	5.2 4.6	7.6 6.7		18.2 13.5		24.3	11.4 6.7
Keithley, California	SF BBB	Str. Cr. #212	Art.	15,000	-	2	3	Toms Hens	5.3 4.4	7.4 6.5		17.6 13.8		23.8	11.8 8.5
Kirby, Ohio	BR BBB	Arnett's	Nat.	1,200	2	3	4	Toms Hens	4.9 4.2	7.3 6.1		17.1 12.9		22.9	14.0 8.6
Luling Found., Texas	BR BBB	Luling	Nat.	145	3	3	4	Toms Hens	4.7 3.8	6.9 5.6		16.8 12.1		23.8	12.9 7.4
Nicholas, California	BR BBB	Nicholas	Both	8,000	2	4	8	Toms Hens	5.5 4.4	7.9 6.3		18.0 13.5		24.3	8.8 5.7
Ramona, California	BR BBB	Vernon Cornelius	Both	1,400	1	1	6	Toms Hens	5.3 4.0	7.6 6.3		18.3 12.8		25.5	9.8 6.9
Sand Springs, Oklahoma	SF BBB	Bingham	Nat.	2,450	-	1	9	Toms Hens	4.6 4.1	6.8 6.2		16.4 12.1		21.0	16.2 9.4
Western, Texas	SF BBB	Nicholas	Both	25,000	-	-	4	Toms Hens	5.4 4.3	7.6 6.1		17.5 12.8		23.1	9.9 6.7

Texas Central Random Sample Turkey Meat Production Test

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A For:			Feed Conversion Ratio	Entrant
Pounds	Coeff. of Var.		Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
									A	B	C					
(Bronze Entries)																
17.8 9.9	14.0 7.8	81.8 80.4	5.1 4.0	13.0 5.6	9.2 7.0	5.4 4.5	7.2 5.9	6.0 4.2	54.7 62.5	41.5 37.5	3.8 -	87.7 100.0	66.0 70.8	56.6 75.0	3.38 3.31	Barnett
18.1 9.9	11.2 7.9	81.4 81.6	5.3 4.3	9.5 7.0	9.3 7.1	3.2 3.5	7.3 5.9	4.7 3.8	48.9 56.5	51.1 43.5	- -	97.8 100.0	57.8 56.5	75.6 65.2	4.00 3.46	Bingham
19.4 10.4	11.8 6.6	81.2 80.5	5.2 4.2	12.7 5.8	9.7 7.4	4.9 2.4	7.6 6.2	5.5 2.8	64.6 87.0	35.4 13.0	- -	97.0 100.0	72.9 87.0	72.1 91.3	3.81 3.49	Browning
20.2 10.8	9.5 7.6	80.7 79.4	5.0 4.1	12.8 6.0	9.9 7.4	4.5 3.3	7.7 6.3	4.7 3.2	75.0 82.1	25.0 17.9	- -	91.7 100.0	83.3 85.7	77.1 89.3	3.63 3.35	Central Mo.
19.7 10.8	11.6 11.1	81.1 79.6	5.2 4.3	15.4 10.0	9.8 7.3	4.2 4.1	7.6 6.2	5.6 6.0	74.4 86.4	23.3 13.6	2.3 -	95.3 100.0	90.7 90.9	79.1 90.5	3.98 3.67	Grant's
19.6 10.8	10.6 6.6	81.7 80.3	5.5 4.2	13.6 5.3	9.3 7.2	4.9 3.7	7.5 6.3	6.3 3.2	67.3 83.3	32.7 16.7	- -	95.9 100.0	79.6 87.5	75.5 87.5	3.74 3.59	Great State
18.0 9.9	10.3 11.5	80.8 80.5	5.3 4.2	11.6 8.5	9.1 7.0	4.3 5.0	7.3 5.8	6.4 5.2	57.1 65.2	42.9 34.8	- -	100.0 95.7	71.4 78.3	69.4 73.3	3.72 3.53	Hall
18.7 9.5	9.6 9.7	80.4 80.0	5.1 3.9	12.4 7.3	9.7 7.1	3.4 3.2	7.5 5.9	3.3 4.1	76.6 64.0	23.4 36.0	- -	97.9 100.0	87.2 68.0	70.9 76.0	4.05 3.75	Janes
20.2 9.9	11.9 8.8	81.4 80.0	5.5 4.1	13.5 7.3	9.8 7.2	3.7 3.4	7.6 5.9	5.5 3.8	67.4 60.0	32.6 40.0	- -	100.0 100.0	86.0 68.0	69.8 92.0	4.16 3.47	Janes
19.8 11.0	11.8 7.7	81.6 81.8	5.6 4.4	14.1 7.9	9.2 7.2	6.0 2.4	7.6 6.2	5.8 4.5	67.3 80.0	32.7 20.0	- -	100.0 100.0	81.6 84.0	75.5 92.0	3.52 3.53	Janes
19.3 11.2	11.8 9.0	81.4 81.6	5.5 4.5	13.8 7.9	9.3 7.2	5.0 3.9	7.3 6.1	5.8 5.2	42.0 68.0	54.0 32.0	4.0 -	96.0 100.0	56.0 76.0	50.0 80.0	3.77 3.49	Keithley
18.6 10.4	14.4 8.0	81.1 80.9	5.4 4.2	17.0 7.9	9.0 7.1	5.6 3.2	7.3 6.0	6.3 3.8	50.0 70.8	46.0 29.2	4.0 -	98.0 100.0	64.0 75.0	52.0 83.3	3.81 3.58	Kirby
18.7 9.6	13.4 7.2	80.8 79.2	4.9 3.8	14.1 7.5	9.5 6.9	4.4 2.5	7.5 5.8	5.5 5.5	56.8 65.4	40.9 30.8	2.3 3.8	95.5 96.2	77.3 69.2	61.4 73.1	3.78 3.59	Luling
19.8 11.0	9.2 6.0	81.6 81.9	5.7 4.3	8.6 6.2	9.2 7.4	4.6 1.9	7.6 6.1	6.2 5.2	86.0 75.0	14.0 25.0	- -	100.0 100.0	88.4 75.0	88.6 91.7	3.69 3.50	Nicholas
20.8 10.3	10.0 7.3	81.5 80.0	5.7 4.2	13.3 5.3	9.5 7.2	7.2 2.8	7.5 6.0	3.3 2.9	97.8 64.0	2.2 36.0	- -	100.0 100.0	100.0 64.0	97.8 92.0	3.59 3.44	Ramona
17.2 9.7	15.7 8.8	82.1 80.1	5.2 4.1	12.3 8.1	8.9 7.1	6.4 4.2	7.1 5.8	7.7 5.2	40.0 56.5	57.8 43.5	2.2 -	91.1 100.0	42.2 60.9	57.8 82.6	3.88 3.68	Sand Springs
18.7 10.3	10.4 6.6	81.1 80.5	5.3 4.3	12.5 7.0	9.2 7.2	5.7 2.4	7.5 5.9	4.8 4.2	66.7 66.7	33.3 33.3	- -	100.0 100.0	72.9 70.8	75.0 83.3	4.03 3.26	Western

Texas Central Random Sample Turkey Meat Production Test

ENTRANT	KIND OF STOCK	STRAIN OR TRADE NAME	MATING PROCEDURE	NUMBER OF HENS IN FLOCK	MORTALITY (%)			SEX	AVERAGE LIVE WEIGHTS (lbs.)						COEFF. OF VAR. (FINAL LIVE WEIGHT)
					2 WEEKS	8 WEEKS	END OF TEST		9 WEEKS	12 WEEKS	20 WEEKS	22 WEEKS	24 WEEKS	27 WEEKS	
(Bronze Entries-Cont'd)															
Western, Texas	SF BBB	Nicholas	Both	25,000	-	5	11	Toms Hens	5.2 4.1	7.5 6.1		17.0 12.6		22.6	10.0 6.5
Wright-Bolton, Nebraska	SF BBB	Wright-Bolton	Nat.	1,000	-	1	5	Toms Hens	5.3 4.1	7.3 6.2		17.9 13.2		24.5	10.9 7.1
Swift & Co., Illinois	SF BBB	Lyon's "Triple B"	Both	3,900	5	5	7	Toms Hens	5.1 4.1	7.6 6.2		17.2 12.6		23.0	13.1 8.8
Average Bronze					1.4	2.7	5.8	Toms Hens	5.1 4.8	7.4 6.2		17.5 12.8		23.5	11.3 7.9
(White Entries)															
Anderson, Massachusetts	BR BBW	Block Buster	Art.	350	-	-	4	Toms Hens	5.3 4.2	7.9 6.4		17.7 13.4		23.7	10.1 5.3
Barnett's, Texas	SF BBW	Thompson	Nat.	35,000	1	3	7	Toms Hens	4.6 3.6	6.6 5.3		15.5 11.1		20.2	12.8 9.4
Browning, Kentucky	SF BBW	Browning	Both	5,200	-	3	4	Toms Hens	4.8 3.7	6.7 5.3		15.7 11.2		21.3	9.1 10.3
Gozzi's, Connecticut	SF BBW	Gozzi's Guilford	Both	2,400	1	5	8	Toms Hens	4.8 4.2	7.0 6.1		16.7 12.5		22.5	11.7 8.5
Janes Bar Nothing, Texas	SF BBW	Janes	Both	3,563	1	5	5	Toms Hens	4.9 3.7	7.0 5.4		15.9 11.2		21.1	12.5 11.4
Kirby, Ohio	BR BBW	Rivervene	Nat.	2,200	1	1	2	Toms Hens	5.0 3.8	6.9 5.5		16.0 11.1		21.1	10.7 9.3
Luling Found., Texas	BR BBW	Luling	Nat.	197	1	2	5	Toms Hens	4.4 3.6	5.9 5.2		15.1 10.9		19.9	11.2 6.5
Nicholas, California	BR BBW	Nicholas	Both	410	2	4	5	Toms Hens	5.9 4.5	8.3 6.6		18.5 13.4		24.2	10.8 7.0
River Rest, Oklahoma	BR BBW	River Rest	Nat.	6,000	-	-	4	Toms Hens	5.0 3.7	6.9 5.7		16.5 11.7		22.0	11.2 8.3
Rusk's, Washington	BR BBW	Rush's	Nat.	139	-	2	2	Toms Hens	4.9 4.0	7.4 5.9		17.3 12.3		23.1	9.6 8.1
Thompson's, Arkansas	BR BBW	Thompson	Nat.	5,500	-	1	4	Toms Hens	4.9 3.8	6.7 5.6		15.7 11.3		20.9	11.8 7.5
Wilford, Ohio	BR BBW	3 C 88	Both	1,500	1	3	4	Toms Hens	4.6 3.7	6.7 5.5		15.8 10.9		21.0	13.4 13.6
Average White					.7	2.4	4.5	Toms Hens	4.9 3.9	7.0 5.7		16.4 11.8		21.8	11.2 8.8

Texas Central Random Sample Turkey Meat Production Test

Eviscerated Weight		Dressing Percentage	Breast Width		Body Depth		Keel Length		Overall Quality			% U. S. Grade A For:			Feed Conversion Ratio	Entrant
Pounds	Coeff. of Var.		Inches	Coeff. of Var.	Inches	Coeff. of Var.	Inches	Coeff. of Var.	% U. S. Grade			Fleshing	Finish	Freedom of Pin-Feathers		
									A	B	C					
(Bronze Entries -Cont'd)																
18.3 10.2	9.7 7.5	81.1 80.4	5.3 4.1	11.1 6.4	9.5 7.2	3.0 2.0	7.5 5.8	5.6 4.2	67.5 76.2	32.5 23.8	- -	100.0 100.0	82.5 81.0	75.0 85.7	3.86 3.90	Western
19.7 10.5	12.1 7.7	80.6 79.7	5.0 4.1	14.8 7.0	9.8 7.2	4.4 2.8	7.6 6.1	5.6 4.4	53.3 66.7	46.7 33.3	- -	93.3 95.8	88.9 70.8	53.3 83.3	3.79 3.57	Wright Bolton
18.7 10.2	12.9 9.4	81.5 81.2	5.7 4.1	14.8 8.9	9.1 7.1	4.2 3.5	7.3 6.0	6.1 4.7	56.8 76.0	40.9 24.0	2.3 -	97.7 96.0	75.0 80.0	59.1 84.0	3.61 3.33	Swift
19.1 10.3	11.6 8.1	81.2 80.5	5.3 4.2	13.0 7.1	9.4 7.2	4.8 3.2	7.5 4.8	5.5 4.3	63.5 70.6	35.4 29.2	1.0 .2	96.7 99.2	76.2 75.0	69.8 83.6	3.79 3.52	Av. Bronze
(White Entries)																
19.5 10.8	9.6 6.3	82.1 81.0	5.8 4.6	10.3 5.8	9.1 7.0	3.8 2.5	7.1 5.8	4.7 3.9	97.9 100.0	2.1 -	- -	100.0 100.0	97.9 100.0	100.0 100.0	3.82 3.66	Anderson
16.2 8.8	14.3 9.6	80.1 79.0	4.7 3.9	12.8 5.7	9.0 6.9	4.9 3.2	7.0 5.7	6.3 3.9	73.8 66.7	26.2 33.3	- -	100.0 100.0	73.8 66.7	97.6 100.0	3.85 3.65	Barnett's
17.0 8.9	10.5 10.3	79.8 79.5	5.1 4.1	11.8 6.5	9.1 6.8	5.0 2.9	7.1 5.7	4.9 4.3	82.0 72.0	16.0 28.0	2.0 -	98.0 100.0	84.0 72.0	96.0 100.0	4.02 3.42	Browning
18.1 10.1	12.9 9.6	80.7 80.4	5.8 4.4	13.4 7.2	8.9 6.9	4.5 3.8	7.2 5.8	7.0 4.2	93.5 88.5	6.5 11.5	- -	100.0 100.0	93.5 88.5	95.7 100.0	3.51 3.58	Gozzi's
17.0 8.9	12.6 11.1	80.3 79.1	4.9 3.7	13.8 7.6	9.2 6.8	4.8 4.4	7.2 5.9	5.4 4.8	87.8 72.0	12.2 28.0	- -	98.0 96.0	87.8 72.0	98.0 96.0	3.65 3.61	Janes
17.0 8.8	11.1 9.3	80.4 79.2	4.8 3.8	10.7 6.5	8.8 6.9	5.1 3.3	7.1 5.8	6.2 6.0	77.8 69.6	22.2 30.4	- -	97.8 100.0	77.8 69.6	97.8 100.0	3.71 3.37	Kirby
16.0 8.6	11.0 6.8	80.3 78.9	4.8 3.6	13.0 6.2	8.9 6.7	5.2 2.6	7.0 5.7	6.3 3.5	77.1 75.0	22.9 25.0	- -	97.9 100.0	77.1 75.0	95.8 100.0	3.58 3.40	Luling
19.9 10.6	10.7 8.8	82.2 79.3	5.5 4.4	12.6 7.2	9.5 7.2	3.8 2.8	7.3 5.9	4.1 4.5	97.7 76.0	2.3 24.0	- -	100.0 100.0	97.7 76.0	100.0 100.0	4.07 3.41	Nicholas
17.6 9.3	12.4 7.9	79.9 80.7	4.7 3.9	13.0 6.4	9.4 6.9	4.8 3.3	7.4 5.9	5.6 4.8	82.2 56.0	17.8 44.0	- -	100.0 100.0	82.2 56.0	100.0 100.0	3.84 3.49	River Rest
18.5 9.8	12.1 9.2	80.3 79.3	5.2 4.1	12.0 7.8	9.5 7.0	4.1 2.5	7.4 6.0	4.9 5.7	90.0 86.4	10.0 13.6	- -	100.0 100.0	90.0 86.4	100.0 100.0	3.55 3.52	Rusk's
16.7 9.1	12.4 8.0	80.3 80.1	4.8 3.9	12.5 4.4	8.9 6.8	5.4 3.6	7.0 5.7	4.8 4.3	80.9 78.3	19.1 21.7	- -	100.0 100.0	80.9 78.3	100.0 100.0	3.52 3.42	Thompson's
17.2 8.8	13.5 13.1	81.9 80.4	5.2 4.0	13.3 9.1	9.0 6.7	4.6 5.4	7.0 5.7	5.1 6.1	82.6 72.0	17.4 28.0	- -	97.8 96.0	82.6 72.0	97.8 100.0	3.67 3.46	Wilford
17.6 9.4	11.9 9.2	80.7 79.7	5.1 4.0	12.4 6.7	9.1 6.9	4.7 3.4	7.2 5.8	5.4 4.7	85.3 76.0	14.6 24.0	.17 -	99.9 99.3	85.4 76.0	98.2 99.7	3.73 3.50	Av. White

